

# Trendsetter 400 II Quantum

semi-automatic 4-page CTP with SQUAREspot thermal imaging



## Versatility, quality and consistency in 4-page CTP

- semi-automatic operation with ContinuousLoad and Autoloader options
- SQUAREspot thermal imaging technology for unmatched control and superior imaging
- cost-saving chemical-free plate option
- seamless integration with Creo workflows, compatibility with third-party workflows
- easily upgradeable to 8-page format

Based on the world's most popular CTP platform, the versatile, reliable Trendsetter® 400 II Quantum offers semi-automatic operation, stability, easy maintenance and superior imaging quality. In addition to standard thermal plates, the Trendsetter 400 II Quantum can output chemical-free plates, thermal film, or double-sided thermal Dupont® Dylux®. ContinuousLoad and Autoloader options are available to increase throughput and allow the platesetter to run with less manual intervention.

Accuracy and registration are assured, from plate to plate and from machine to machine. The platesetter automatically corrects for temperature-related plate expansion and contraction, and for geometric differences between platesetters.

## SQUAREspot imaging delivers consistent, high-quality output

The Trendsetter 400 II Quantum platesetter features SQUAREspot® imaging technology—the foundation for accurate and consistent presswork. SQUAREspot delivers end-to-end imaging integrity from the original file through to the press, despite normal plate-imaging variables such as laser power, plate emulsion sensitivity, and processor variation.

## Digital halftone proofing and CTP in one device

For increased value and flexibility, the Spectrum option allows the Trendsetter 400 II Quantum device to produce both plates and Spectrum halftone proofs. Spectrum proofs are highly consistent, color-accurate proofs that are imaged with the same imaging technology and screening that are used for the plate. With a choice of industry-standard media, including DuPont® WaterProof® and Kodak Polychrome Graphics Matchprint, thermal halftone proofs provide the same look, feel and performance as analog proofs, with superior sharpness and digital control of color and tone reproduction.



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## Protect your investment with the Creo upgrade path

As your business grows, your Trendsetter 400 II Quantum platesetter can grow with you. You can improve performance by increasing the platesetter's speed and adding the ContinuousLoad or Autoloader options. With the Spectrum proofing option, you can produce digital halftone proofs that precisely match the plate. And, with an on-site upgrade, a Trendsetter 400 II Quantum can be converted into a Trendsetter 800 II Quantum, which can produce 4-page and 8-page plates.

## Trendsetter 400 Quantum Product Specifications

General Specifications	
Technology	830 nm thermal imaging platesetter, semi-automatic, external drum,
Load/unload systems	Semi automatic. Optional ContinuousLoad eliminates loading wait time: two plates can be mounted, with the second plate loading automatically. Plates automatically unload to unload table and processor. Optional Autoloader holds 40 to 80 plates (depending on plate thickness) for automatic loading. Plates automatically unload to unload table and processor.
Performance	
Imaging time, based on maximum media size (depends on media sensitivity)	S speed: 2.3 min V speed: 0.9 min
Throughput <sup>1,2</sup>	S speed: 19 plates per hr (21 with ContinuousLoad or Autoloader option) V speed: 36 plates per hr (39 with ContinuousLoad or Autoloader option)
Repeatability	±5 microns between two plates imaged by the same platesetter (at largest plate size)
Accuracy	±20 microns between two plates imaged by different Trendsetters (at largest plate size)
Workflow connectivity	Creo Brisque® Creo Prinergy® Connection to third-party workflows
Imaging Specifications	
Resolution	2,400 dpi/1200 dpi (1200 dpi available on v speed only)
Screening	450 lpi max. linescreen Staccato® 20 micron Option: Staccato 10
Maximum image area	32.46 x 30 in (824 x 762 mm)

S = standard, F = fast, V = very fast

- 1: Driven by Creo workflow at maximum engine speed
- 2: Based on maximum media size, and dependent on media sensitivity  
Specification for metal plates with fixed thickness only

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<b>Media Specifications</b>	
Media type	Thermal IR-sensitive aluminum plate, 830 nm; optional thermal IR-sensitive film, 830 nm
Plate sizes Minimum to maximum, along drum x around drum	229 to 762 mm (9 to 30 in) x 305 to 838 mm (12 to 33 in) 521 to 762 mm (20.5 to 30 in) x 394 to 838 mm (15.5 to 33 in) with ContinuousLoad or Autoloader option
Media thickness	Plate: 0.15 to 0.40 mm (6 mil to 16 mil) Film: 0.18 mm (7 mil)
<b>Physical Specifications</b>	
Operating environment	
Temperature	17 to 30°C (63 to 86°F)
Humidity	20 to 70% non-condensing
Standards conformance	
Electrical/mechanical	CSA 950/UL 1950, EN 60950/IEC 950
Laser	The Trendsetter 400 Quantum device is a class 1 laser product and fully complies with EN 60825-1 and US Federal Regulations 21 CFR 1040.10 - CDRH.
Electro magnetic compatibility	FCC Part 15 (Class A); EN 55022/CISPR-22 (Class A); EN 55082-2/EIC 1000-4-2, 1000-4-3, 1000-4-4, 1000-4-6, 1000-4-8
<b>Physical Characteristics</b>	
Size (HxWxD) without Autoloader	914 x 2,820 x 1,092 mm (36 x 111 x 43 in)
Size (HxWxD) with Autoloader	1,575 x 2,820 x 1,092 mm (62 x 111 x 43 in)

# Let's Talk

Contact your Creo representative to find out more about Creo digital prepress solutions, and to select the Trendsetter 400 II Quantum options that best serve your current and future business needs.

## About Creo

Creo Inc. is a global company with key strengths in imaging and software technology. As the leading provider of prepress systems, Creo helps over 25,000 customers worldwide adopt digital production methods which reduce costs, increase print quality and allow

them to serve their customers more efficiently. Based in Vancouver, Canada, Creo employs more than 4,000 people and reported fiscal 2003 revenue of US\$578 million. Creo trades on NASDAQ (CREO) and the TSX (CRE). [www.creo.com](http://www.creo.com)

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[www.creo.com](http://www.creo.com)

#### Creo Inc.

3700 Gilmore Way  
Burnaby, British Columbia  
Canada V5G 4M1  
T. +1.604.451.2700  
F. +1.604.437.9891

#### Creo Americas, Inc.

3 Federal Street  
Billerica, MA 01821  
USA  
T. +1.978.439.7000  
F. +1.978.439.7031

#### Creo Asia Pacific Ltd.

3/F 625 King's Road  
North Point  
Hong Kong  
T. +852.2882.1011  
F. +852.2881.8897

#### Creo EMEA, SA.

Waterloo Office Park  
Drève Richelle 161  
B-1410 Waterloo  
Belgium  
T. +32.2.352.2511  
F. +32.2.351.0915

#### Creo IL Ltd.

P.O. Box 330  
Herzlia Industrial Park  
46103 Herzlia B  
Israel  
T. +972.9.959.7222  
F. +972.9.950.2922

#### Creo Japan Inc.

Ikebukuro TG Homest Bldg.  
1-17-8, Higashi-Ikebukuro  
Toshima-ku, Tokyo  
170-0013, Japan  
T. +81.3.5954.9050  
F. +81.3.5954.9055